CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 20. (Cancelled)

21.   (Currently Amended) A method of enhancing a selected digital video frame, or a portion thereof, included in a single layer digital video stream, comprising:

       selecting from the single layer digital video stream, a particular one of the digital video frames for enhancement;

       selecting from the single layer digital video stream from which the particular one of the digital video frames for enhancement was selected, any others of the digital video frames**;**

       enhancing **the video quality of** the selected digital video frame by incorporating information included in the other digital video frames into the particular digital video frame; and

       displaying the enhanced digital video frame without reference to the other digital video frames.

22.   (Previously Presented) The method as recited in claim 21, further comprising

       obtaining movement information for the selected digital video frame and the other digital video frames.

23.   (Currently Amended) The method as recited in claim 22, further comprising:

wherein when only a portion of the selected video frame is to be enhanced then,

       identifying portions of the ~~associated~~ **other** digital video frames corresponding to the portion to be enhanced; and

enhancing **the video quality of** the portion by incorporating information included in the corresponding other digital video frame portions into the portion of the selected video frame.

24.   (Previously Presented) The method as recited in claim 23, further comprising:

wherein when the enhancement is complete,

selecting another frame of the single layer digital video stream for enhancement; and

continuing the selecting until all of selected digital video frames, or portions thereof, have been enhanced.

25.   (Previously Presented) The method as recited in claim 24, wherein when all of the selected digital video frames or portions thereof have been enhanced, then

manipulating selected ones of the enhanced digital video frames or portions.

26.   (Previously Presented) The method as recited in claim 21, wherein the enhancing is selected from a group comprising: a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, a color saturation operation, and a zoom operation.

27.   (Previously Presented) The method as recited in claim 25, wherein the method is executed by a processor unit included in a digital video disc (DVD) player.

28.   (Currently Amended) Computer program product for of enhancing a selected digital video frame, or a portion thereof, included in a single layer digital video stream, comprising:

computer code for selecting from the single layer digital video stream, a particular one of the digital video frames for enhancement;

computer code for selecting from the single layer digital video stream from which the particular one of the digital video frames for enhancement was selected, any others of the digital video frames**;**

computer code for enhancing **the video quality of** the selected digital video frame by incorporating information included in the other digital video frames into the particular digital video frame;

computer code for displaying the enhanced digital video frame without reference to the other digital video frames; and

computer readable medium for storing the computer code.

29.   (Previously Presented) The computer program product as recited in claim 28, further comprising

obtaining movement information for the selected digital video frame and the other digital video frames.

30.   (Currently Amended) The computer program product as recited in claim 29, further comprising:

wherein when only a portion of the selected video frame is to be enhanced then,

computer code for identifying portions of the ~~associated~~ **other** digital video frames corresponding to the portion to be enhanced; and

computer code for enhancing **the video quality of** the selected digital video frame by incorporating information included in the other digital video frames into the particular digital video frame.

31.   (Previously Presented) The computer program product as recited in claim 30, wherein when the enhancement is complete, further comprising:

computer code for selecting another frame of the single layer digital video stream for enhancement; and

computer code for continuing the selecting until all of selected digital video frames have been enhanced.

32.   (Previously Presented) The computer program product as recited in claim 31, wherein when all of the selected digital video frames or portions thereof have been enhanced, then

computer code for manipulating selected ones of the enhanced digital video frames or portions.

33.   (Previously Presented) Computer program product as recited in claim 28, wherein the enhancing is selected from a group comprising: a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, a color saturation operation, and a zoom operation.

34.   (Previously Presented) The computer program product as recited in claim 32, wherein the computer program product is executed by a processor unit included in a digital video disc (DVD) player.

35.   (Currently Amended) An apparatus for enhancing a selected digital video frame, or a portion thereof, included in a single layer digital video stream, comprising:

means for selecting from the single layer digital video stream, a particular one of the digital video frames for enhancement;

means for selecting from the single layer digital video stream from which the particular one of the digital video frames for enhancement was selected, any others of the digital video frames**;**

means for enhancing **the video quality of** the selected digital video frame by incorporating information included in the other digital video frames into the particular digital video frame; and

means for displaying the enhanced digital video frame without reference to the other digital video frames.

36.   (Previously Presented) An apparatus as recited in claim 35, further comprising

means for obtaining movement information for the selected digital video frame and the other digital video frames.

37.   (Currently Amended) The apparatus as recited in claim 36, further comprising:

wherein when only a portion of the selected video frame is to be enhanced then,

means for identifying portions of the ~~associated~~ **other** digital video frames corresponding to the portion to be enhanced; and

means for enhancing **the video quality of** the selected digital video frame by incorporating information included in the other digital video frames into the particular digital video frame.

38.   (Previously Presented) The apparatus as recited in claim 37, further comprising:

wherein when the enhancement is complete,

means for selecting another frame of the stream of digital video frames for enhancement; and

means for continuing the selecting until all of selected digital video frames have been enhanced.

39.   (Previously Presented) The apparatus as recited in claim 38, wherein when all of the selected digital video frames or portions thereof have been enhanced, then

means for manipulating selected ones of the enhanced digital video frames or portions.

40.   (Previously Presented) An apparatus as recited in claim 35 wherein the enhancing is selected from a group comprising: a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, a color saturation operation, and a zoom operation.

41.   (Previously Presented) The apparatus as recited in claim 39, wherein the apparatus is included in, or associated with, a digital video disc (DVD) player.

42.   (Previously Presented) A multipart method of digitally manipulating a video frame, comprising:

storing the video frame in a work buffer;

moving a portion of the video frame to be digitally manipulated to a processing buffer;

performing the digital manipulation on the portion of the video frame stored in the processing buffer by a media processor unit;

moving the digitally manipulated portion of the video frame from the processing buffer to a frame buffer;

combining other digitally manipulated portions of the video frame in the frame buffer; and

displaying the fully combined digitally manipulated video frame on a display unit.

43.   (Previously Presented) A multipart method as recited in claim 42, wherein the media processor is one of a number of media processors each of which is associated with a corresponding work buffer.

44.   (Previously Presented) A multipart method as recited in claim 42, wherein the number of media processors is coupled to and controlled by a central processor unit (CPU).

45.   (Previously Presented) A multipart method as recited in claim 42, further comprising a DMA controller.

46.   (Previously Presented) A multipart method as recited in claim 45, wherein the moving the portion of the video frame to be digitally manipulated to the processing buffer is controlled by the DMA controller without burdening the media processors.

47.   (Previously Presented) A multipart method as recited in claim 44 wherein the processing buffers are located near the CPU and thereby provides fast access to the CPU.